

POLY ADP-RIBOSE POLYMERASE GENE AND ITS USES  
ABSTRACT

5 Compositions and methods for influencing the metabolic state of plant cells are provided. The compositions comprise poly ADP-ribose polymerase genes and portions thereof, particularly the maize poly ADP-ribose polymerase gene as well as antisense nucleotide sequences for poly ADP-ribose polymerase genes. The nucleotide sequences find use in transforming plant cells to alter the metabolic state of the transformed plants and plant cells.

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